

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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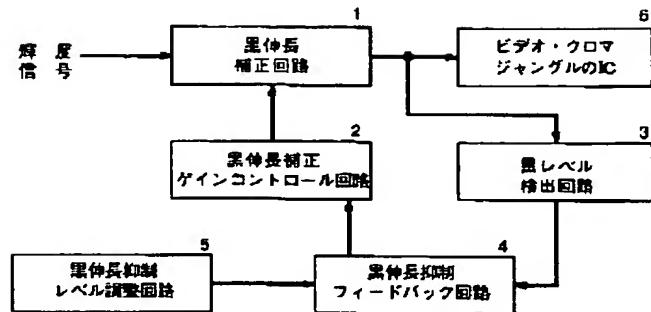
APPLICATION DATE : 16-06-93  
APPLICATION NUMBER : 05144609

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : TAKESHIMA MASAHIRO;

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TITLE : FEEDBACK CONTROLLER FOR  
BLACK EXTENSION CORRECTION



ABSTRACT : PURPOSE: To feedback control black extension correction and to view a video without black paint-out by optimum black extension correction quantity corresponding to a video state in a television receiver.

CONSTITUTION: A black extension correction circuit 1 which can control the black extension correction of a luminance signal, a black extension correction gain control circuit 2 controlling the correction quantity of black extension correction by controlling the gain level of the black extension correction circuit 1, a black level detection circuit 3 for detecting the black level of the luminance signal after black extension correction, a black extension suppression feedback circuit 4 for preventing black paint-out by suppressing the excessive correction of black extension correction and a black extension suppression level adjustment circuit 5 which can arbitrarily set the black extension correction suppression level of the black extension suppression feedback circuit 4 are provided.

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